

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA4246SW

*This certificate, issued to* S-TEC Corporation  
Rt. 3, Bldg. 946  
Wolters Industrial Complex  
Mineral Wells, Texas 76067

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product—Type Certificate Number:* 5A6  
*Make:* Cessna  
*Model:* 180J, 180K

*Description of Type Design Change:* Installation of S-TEC System 60 (Two Axis) Flight Guidance System, Model ST-024 according to Bulletin No. 127, Revision 1, dated 12/1/80 and Master Drawing List No. 9224, Revision A, dated 12/1/80 with optional Flight Director/Steering Horizon according to Bulletin No. 120, dated 6/2/80 and Master Drawing List No. 9209, dated 6/2/80 and optional Vertical Speed Indicator/Selector according to Bulletin No. 121, dated 6/2/80 and Master Drawing List No. 9210, dated 6/2/80, or later FAA approved revision.  
(14 Volt System)

*Limitations and Conditions:* 1. FAA Approved Supplemental Flight Manual P/N 8927 dated December 11, 1980, is required for Cessna Models 180K and 180J, Serial No. 18053000 and below, Landplanes only; 2. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement P/N 8935 dated December 11, 1980, is required for Cessna Models 180K, Serial No. 18053001 and on, Landplanes only.

3. Compatibility of this modification with other previously approved modifications must be determined by the installer.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* December 1, 1980

*Date reissued:*

*Date of issuance:* December 11, 1980

*Date amended:*



*By direction of the Administrator*

*(Signature)*  
Don P. Watson  
Chief, Engineering and Manufacturing Branch

*(Title)*

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.